WWAMI Simulation Educator Network

Background

The Institute for Simulation and Interprofessional Studies (ISIS):

➢ A leader in simulation-based education at UW Medicine
➢ Applying cutting edge simulation educational techniques and resources to improve the quality of healthcare education and patients' safety

Goal Statement:

➢ Design a virtual collaborative network to connect simulation educators in the WWAMI (Washington, Wyoming, Alaska, Montana, Idaho) region
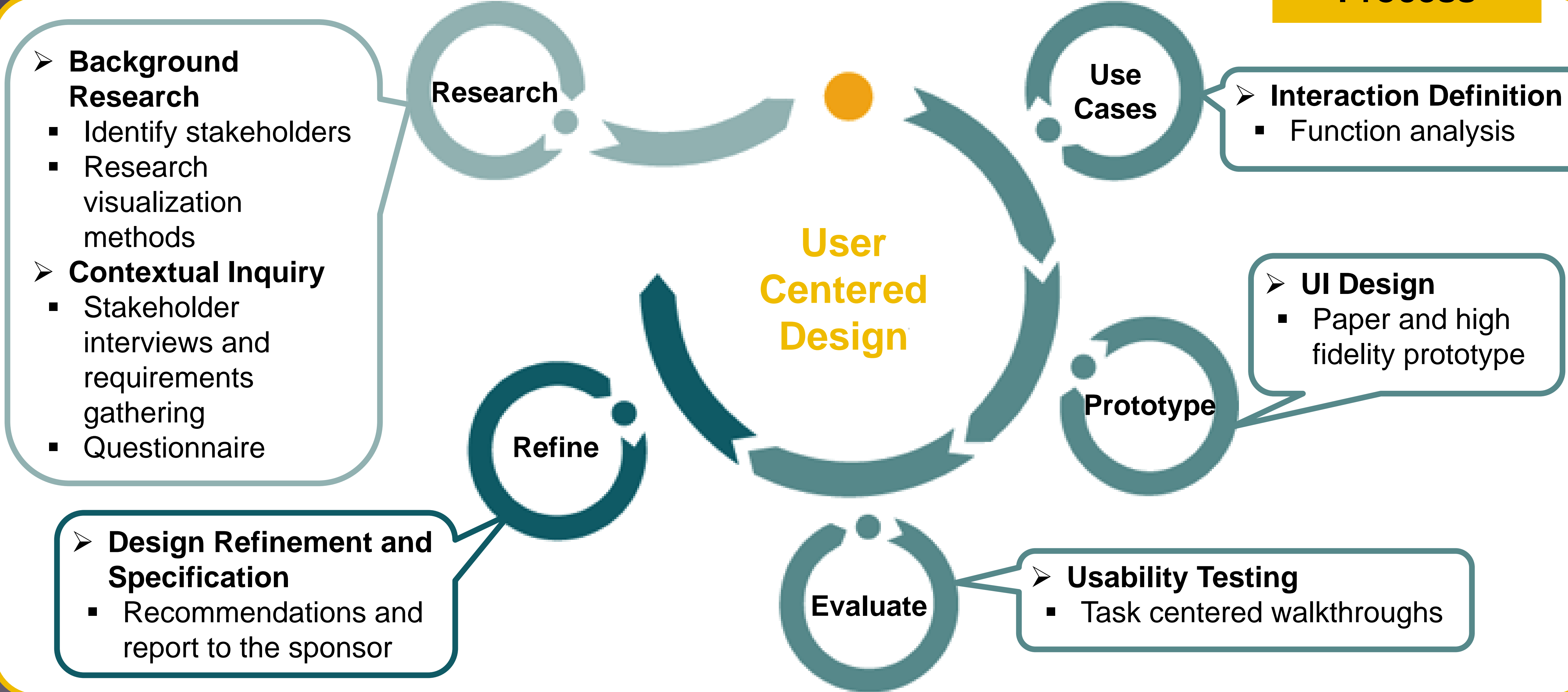
Problem

How to identify users that have the needs for simulation education and communication?

How to gather user requirements on the target group?

How to identify core and optional features of the network?

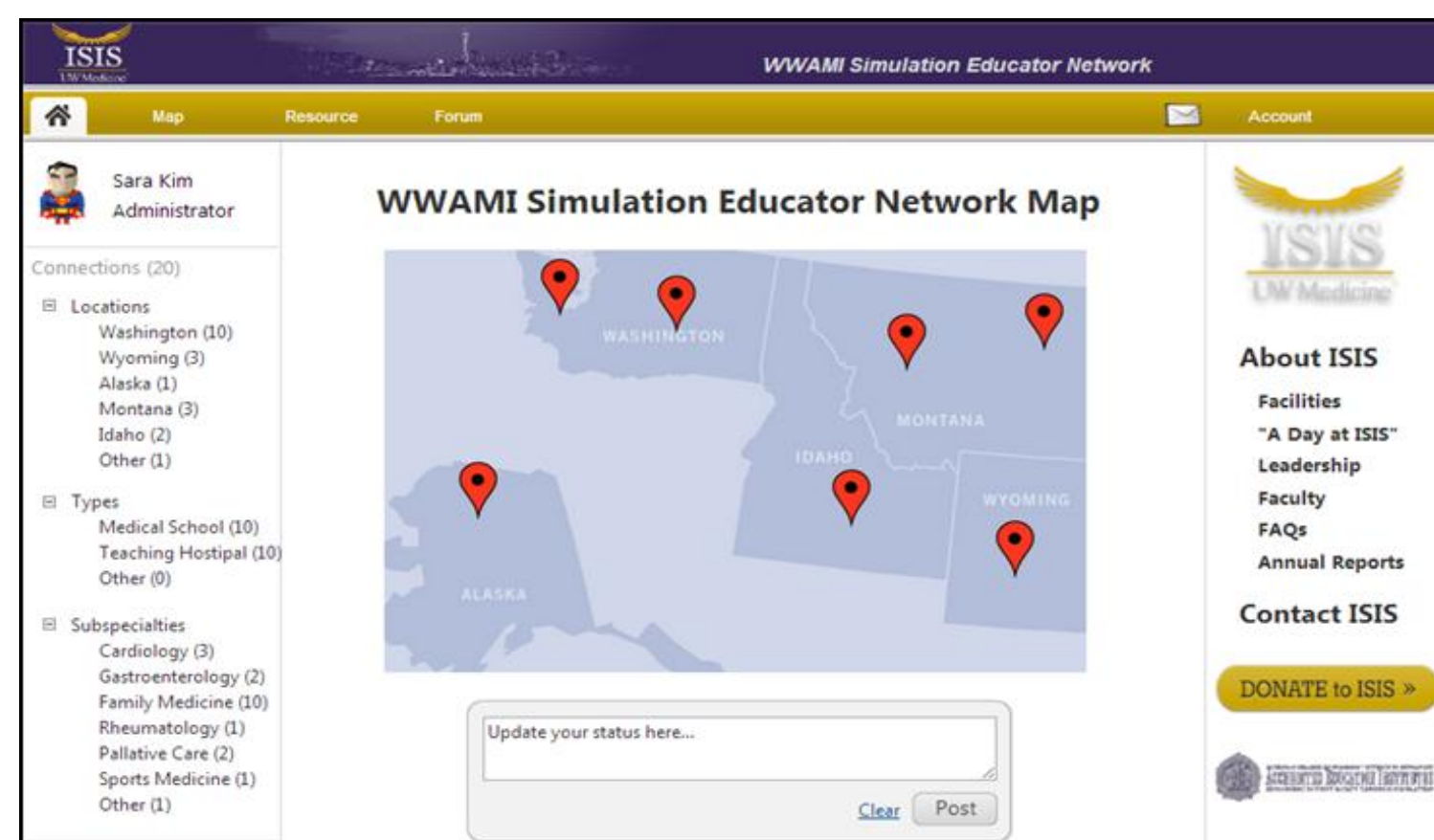How to combine an interactive map with social media features?

Process

User Centered Design

Research
➢ **Background Research**
  ▪ Identify stakeholders
  ▪ Research visualization methods
➢ **Contextual Inquiry**
  ▪ Stakeholder interviews and requirements gathering
  ▪ Questionnaire

Use Cases
➢ **Interaction Definition**
  ▪ Function analysis

Prototype
➢ **UI Design**
  ▪ Paper and high fidelity prototype

Evaluate
➢ **Usability Testing**
  ▪ Task centered walkthroughs

Refine
➢ **Design Refinement and Specification**
  ▪ Recommendations and report to the sponsor

Impact

Interactive Map

ISIS Forum

Resource Search
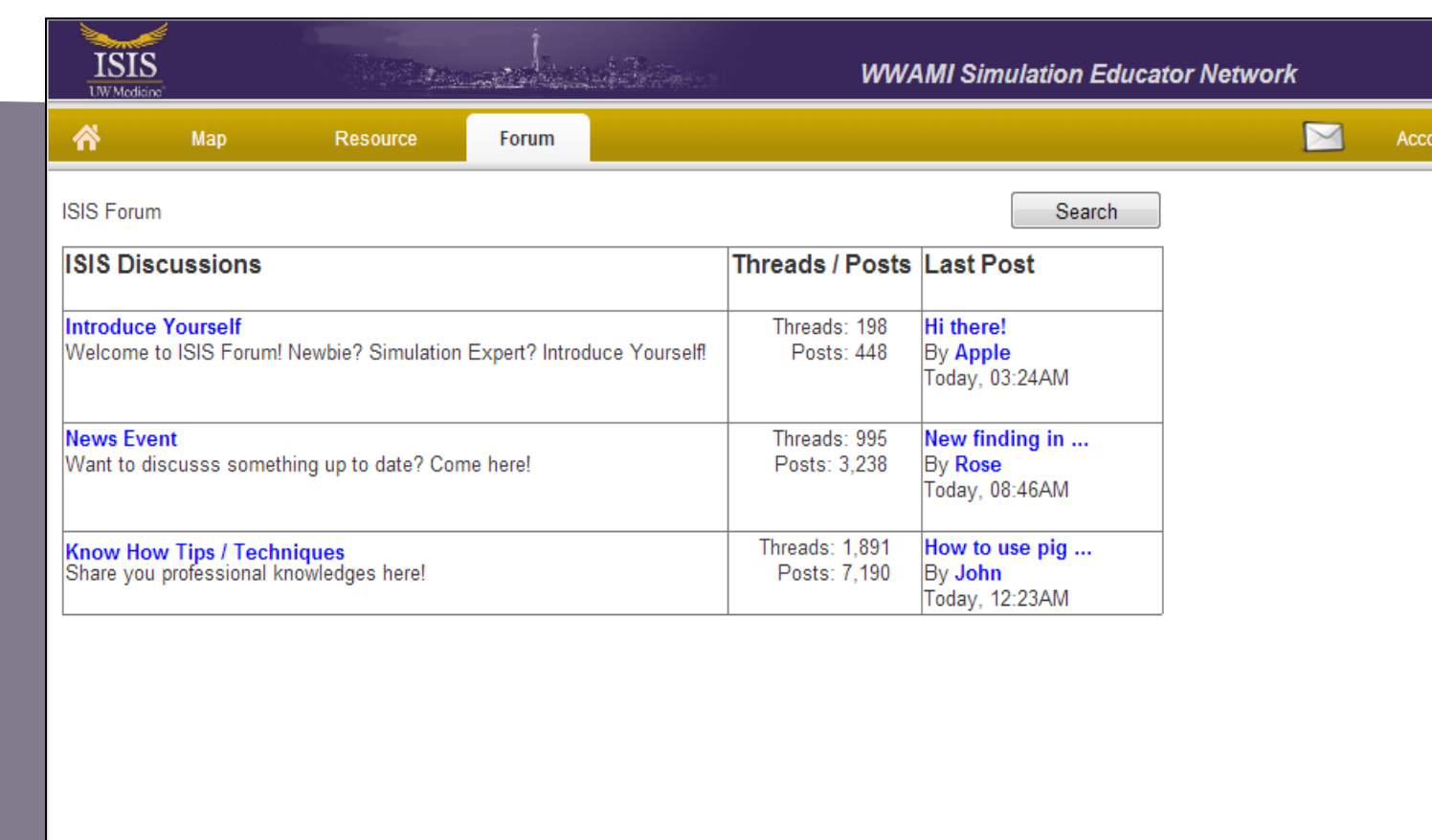
Mail and Instant Message

Result

➢ A hi-fi prototype with social media features, including:
  ▪ Interactive Map
  ▪ ISIS Forum
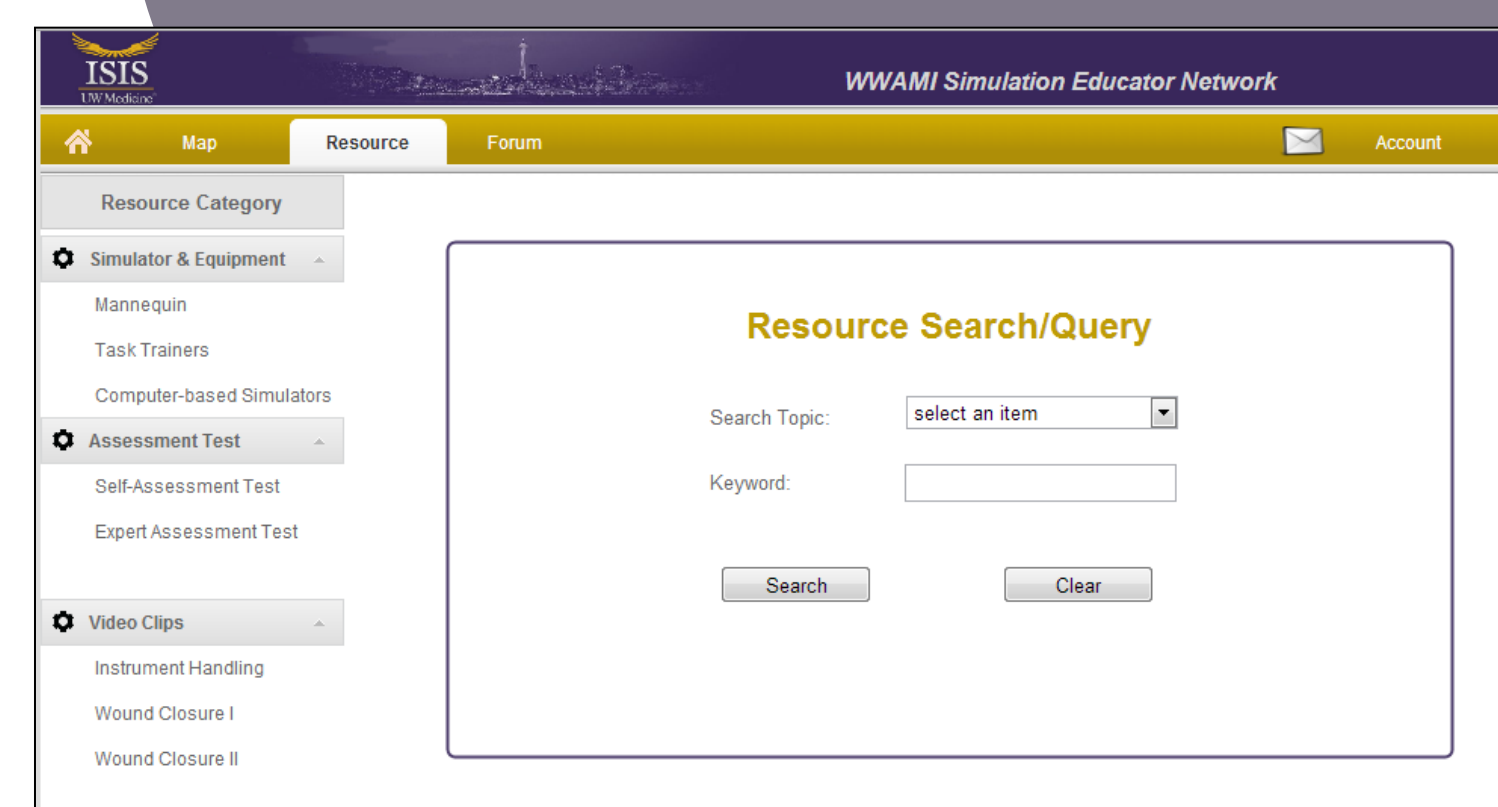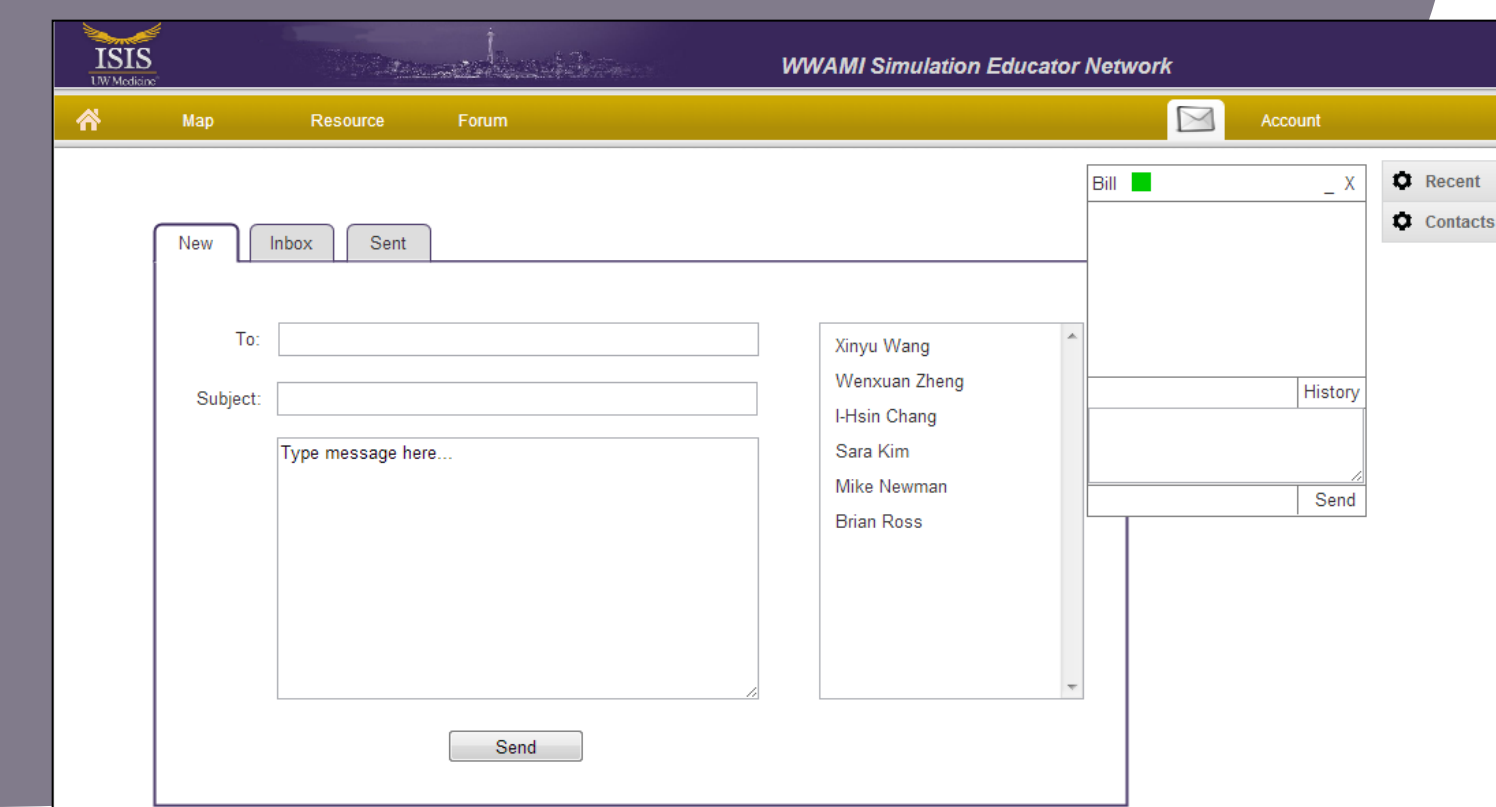 ▪ Resource Search
  ▪ Mail and Instant Message

Future Work

➢ Gather more feedback
➢ Design and implement the underlying database
➢ Build the actual website with additional features

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